

RCA FULL FUNCTION INSTRUCTIONAL TELEVISION EQUIPMENT

RCA Factory Service Branches are located from coast to coast.
Check your local phone directory for the branch nearest you.

RCA SERVICE COMPANY

A Division of Radio Corporation of America

Commercial Products Sales Department 1614

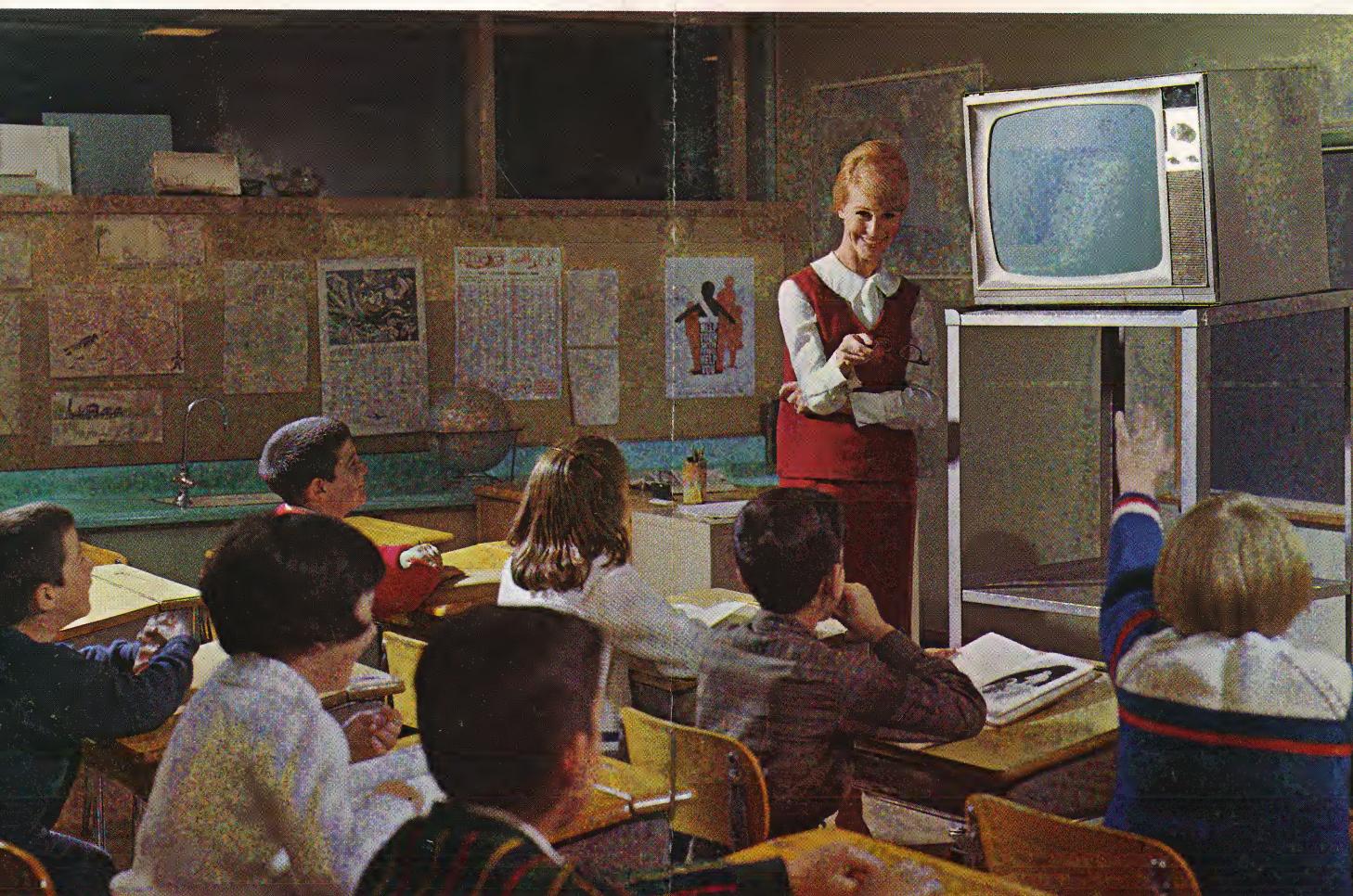
Cherry Hill Offices, Bldg. 203-3 Camden, N. J. 08101

SP-1508

Specifications subject to change without notice.

Tmk(s)®

RCA
Full-Function
Instructional TV
Equipment...meets
your educational
television
requirements!



THE MOST TRUSTED NAME IN ELECTRONICS



THE MOST TRUSTED NAME IN ELECTRONICS

RCA Instructional TV Equipment helps you meet a full range of educational needs...



IN THE CLASSROOM

- RCA Victor "Lyceum" ITV Receivers—designed expressly for schools . . . incorporate special educator-specified features.
- Heavy duty ITV stands, mounts, brackets—sturdily constructed . . . designed for maximum safety.
- External speakers . . . for added audio coverage!

IN THE SCHOOL

- RCA Master-Tenna®—RCA's own master antenna system.
- RCA Sound Products Equipment—systems, components, accessories . . . public address, paging, background music.

IN THE DISTRICT

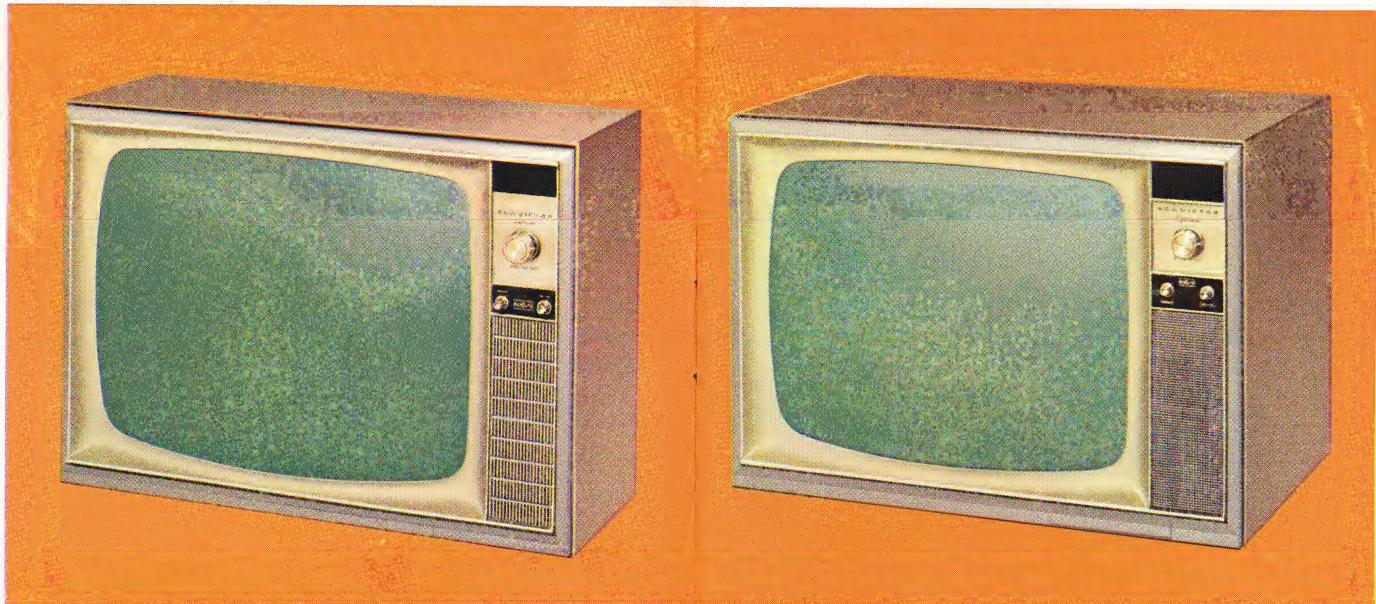
- Closed circuit ITV equipment.
- Multi-signal distribution system.
- 2500 megacycle all-channel distribution systems.

RCA SINGLE SOURCE RESPONSIBILITY OFFERS:

- Complete Coverage Maintenance—expert installation and service by RCA's own technicians, in most metropolitan areas.
- Several Purchase Options—for all RCA ITV equipment and services . . . popular RCA lease plan . . . outright purchase with convenient payment arrangements.



Efficiency and economy in instructional television!



MODEL JH-200B—with all-channel UHF/VHF tuner for reception of UHF and VHF transmission.

MODEL JH-201WP—all-channel UHF/VHF tuner with wired remote control.

23-inch tube (overall diagonal)—282 square-inch viewable picture.

Sturdy metal cabinet with tunis beige metalustre finish (Model JH-200B); walnut grained finish (Model JH-201WP).

Dimensions: height 19 $\frac{3}{8}$ "; width 26 $\frac{1}{4}$ "; depth 16 $\frac{3}{8}$ "; shipping wt. 53 lbs.

MODEL JH-214B—with all-channel UHF/VHF tuner for reception of UHF and VHF transmission.

23-inch tube (overall diagonal)—282 square-inch viewable picture.

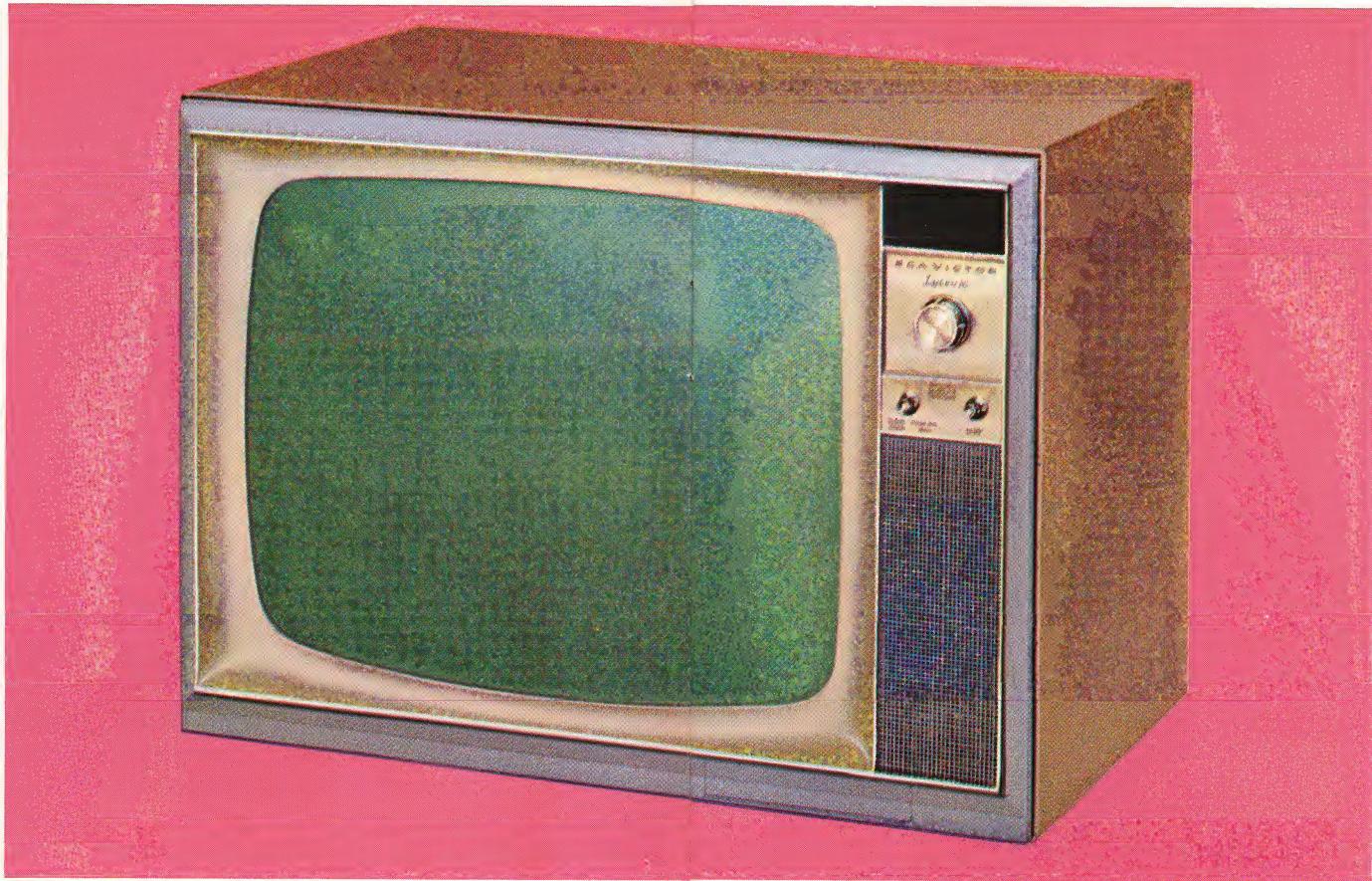
Sturdy metal cabinet with tunis beige metalustre finish.

Dimensions: 20 $\frac{3}{8}$ "; width 27 $\frac{3}{8}$ "; depth 19 $\frac{3}{8}$ "; shipping wt. 100 lbs.

RCA VICTOR FEATURES OF SPECIAL INTEREST TO EDUCATORS:

- Safety-designed U.L. listed Pan-O-Ply picture tube.
- Tamperproof screws.
- Hi-level contrast control for improved daylight viewing.
- Automatic channel equalizer to keep picture at high quality level.
- Heavy duty 3-conductor 15 ft. power cord with automatic grounding.
- Front-mounted controls and sound.
- Volume limiter to prevent disturbance to other classrooms (Models JH-200B and JH-201WP only).
- Lighted channel indicator.
- RCA solid copper circuitry.
- One set VHF fine tuning.
- 72 ohm and 300 ohm inputs available for hook-up of receiver directly to antenna or Master-Tenna® System without adaptors.
- Rear brackets for storing power cord and antenna lead-in (Model JH-214B only).
- Jack for use of external speaker (Model JH-214B only).
- Underwriters' Laboratories *commercial* listing.
- 120 volts, 60 cycle, AC.

Deluxe Full-Function Receiver...with special features for varied requirements



MODEL JH-216B—with all-channel UHF/VHF tuner for reception of UHF and VHF transmission.

23-inch tube (overall diagonal)—282 square-inch viewable picture.

Sturdy metal cabinet with tunis beige metalustre finish.

Dimensions: height 20 $\frac{3}{8}$ "; width 27 $\frac{3}{8}$ "; depth 19 $\frac{3}{8}$ "; shipping wt. 100 lbs.

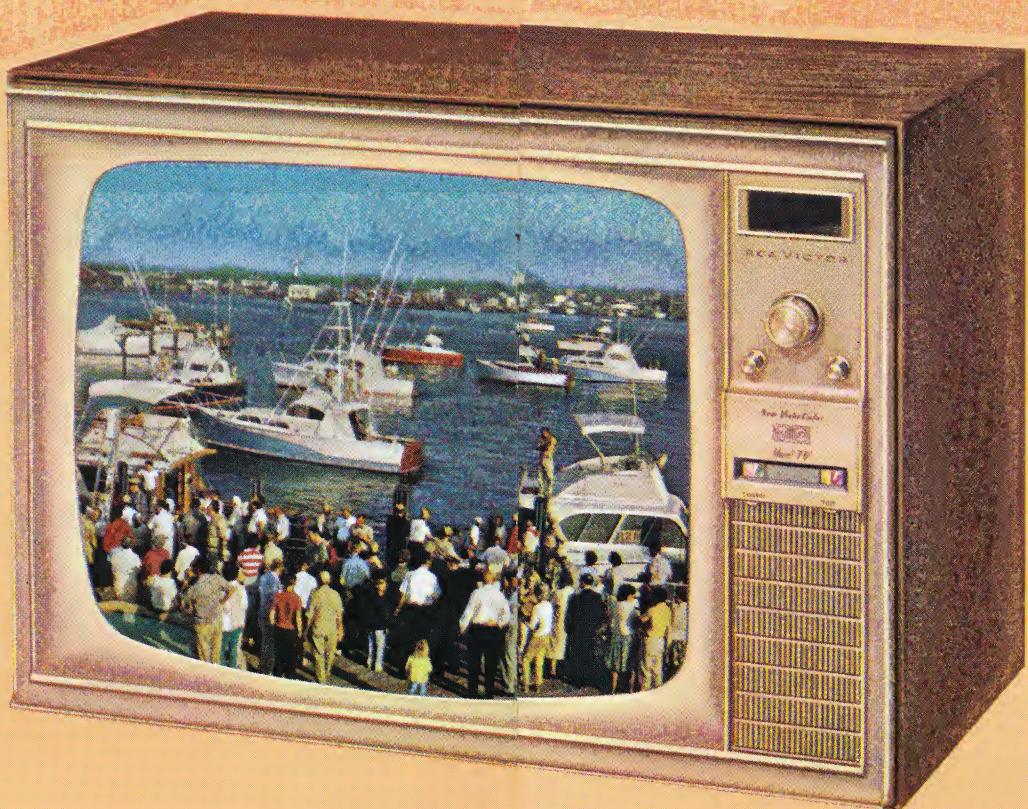
RCA VICTOR FEATURES OF SPECIAL

INTEREST TO EDUCATORS:

- Provides for direct hook-up of closed circuit TV camera.
- Glareproof safety-designed U. L. listed Pan-O-Ply picture tube.
- Tamperproof screws.
- 300 ohm and 72 ohm inputs for connecting receiver directly to antenna or Master-Tenna® System, without adaptors.
- Two jacks for external speakers.
- Rear brackets for storing power cord and antenna lead-in.
- Front mounted rotary switch for selection of TV output, or input of phonograph, tape recorder or high impedance microphone.
- Rotary speaker switch at rear for selection of internal and/or external speakers.
- Automatic channel equalizer to keep picture at high quality level.

- Heavy duty 3-conductor 15 ft. power cord provides for automatic grounding.
- Input jack for phonograph or high impedance microphone, and input/output jacks for tape recorder.
- High-level contrast control and 22.5 KV power supply (design average) for improved daylight viewing.
- Built-in audio amplifier with 14 watts peak power (7 watts EIA) available for external speaker.
- Lighted channel indicator.
- One-set VHF fine tuning.
- Front-mounted controls and sound.
- RCA solid copper circuitry.
- Underwriters' Laboratories commercial listing.
- 120 volts, 60 cycle, AC.

RCA Victor Color TV Receiver...Large screen model for color-true classroom instruction



MODEL JH-640W—with all-channel UHF/VHF tuner for black-and-white, color reception of UHF and VHF transmission. 25-inch tube (overall diagonal)—295 square-inch viewable picture.

Sturdy metal cabinet with walnut grained finish.

Dimensions: height 20 $\frac{5}{8}$ "; width 28 $\frac{3}{4}$ "; depth 21 $\frac{1}{8}$ " (overall), 16" cabinet; shipping wt. 144 lbs.

RCA VICTOR FEATURES OF SPECIAL INTEREST TO EDUCATORS:

- RCA HI-LITE color picture tube with rectangular shape is both glare-proof and dust-proof.
- RCA Automatic Color Purifier "cancels" magnetism that may cause impurities, removes color areas from black-and-white pictures and permits mobility without service adjustments.
- Simplified color-keyed controls.
- Tamperproof screws.
- 300 ohm and 72 ohm antenna inputs for direct connection to antenna or Master-Tenna® System without adaptors.
- Heavy duty 3 conductor 15 ft. power cord with automatic grounding.
- Volume limiter to prevent disturbance to other classrooms.
- Front controls and sound.
- Speaker shunt provided for use of external speaker.
- New Vista color chassis has 25,000 volts of picture power

- that produce sharp, stable pictures.
- New Vista Tuner gives unsurpassed VHF reception even in most difficult TV signal areas.
- RCA solid copper circuitry.
- Lighted channel indicator.
- Push-button circuit breaker eliminates fuses and service calls for fuse replacement.
- "Dark Heater" design makes tubes operate cooler, last longer.
- One-set VHF fine tuning.
- Automatic channel equalizer minimizes fading and "flutter."
- Static-free "Golden Throat" sound.
- Cool-operating solid state silicon rectifiers are rugged and dependable with a life expectancy many times that of tube rectifiers.
- Underwriters' Laboratories commercial listing.

Instructional Television Stands sturdy and safe... specifically designed for rugged classroom use!

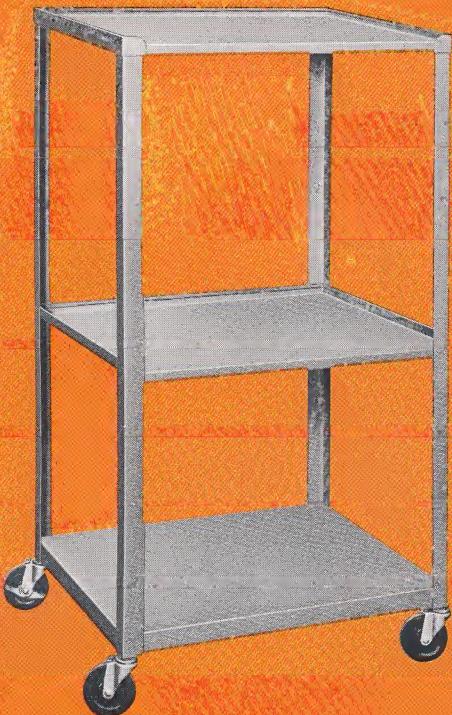


#ETR-16-2

... exceeds Federal (NDEA) and MPATI specifications.

For use with all RCA Victor black-and-white and color instructional television receivers.

- Dimensions: height 48 $\frac{3}{4}$ "; width 31 $\frac{1}{4}$ " (outside), 29 $\frac{1}{4}$ " (inside); depth 20" (24" at base); shipping wt. 61 lbs.
- Finish: durable coat (rust resistant primer) 320° baked metalustre finish in RCA tunis beige.
- Construction: 16 gauge steel tubing of 1" O.D. All joints welded; easily assembled.
- Non-tipping base.
- Ball bearing 4" rubber casters for easy mobility, with two locking front wheels.
- Strong shelf of finished plywood for storage of accessory equipment.
- Receiver bolts to stand at 7° tilt (downward) angle.



#ETR-20

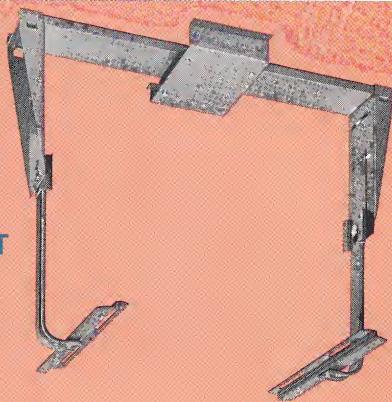
... backed by a 5-year guarantee.*

For use with all RCA Victor black-and-white instructional television receivers.

- Dimensions: height 54"; width 29 $\frac{1}{2}$ "; depth 24"; shipping wt. 63 lbs.
- Finish: chip resistance sandstone silicone-base baked enamel.
- Construction: heavy gauge, cold rolled steel, electrically welded. All exposed edges of rolled steel. Legs 1 $\frac{1}{8}$ " by 1 $\frac{1}{8}$ " minimum of 15 gauge.
- No assembly required, stand is fully welded and shipped completely constructed.
- 4" swivel ball-bearing casters, anti-shimmy spring clips, rubber tires, with two toe operated brakes.
- 20 gauge steel shelves accommodate TV receiver with maximum stability, can be utilized to store phonograph or other equipment.
- Top shelf slants forward 8° for best viewing angle. Shelf has 5" wide reinforcing hat section plus 1 $\frac{1}{2}$ " band of edge rolled steel with $\frac{1}{2}$ " retaining lip on three sides.

* ETR-20 STAND, except for casters, is guaranteed by manufacturer for five years following delivery to you. Manufacturer will replace any stand that is defective in workmanship or material. You return the defective stand to manufacturer, and pay for the shipping cost only during the last four years.

ITV Accessories... Perfect complement to RCA Victor ITV Receivers



CEILING MOUNT #ETCB-18

... for large area viewing comfort!

For use with ITV Models JH-200B, JH-201WP, JH-214B and JH-216B.

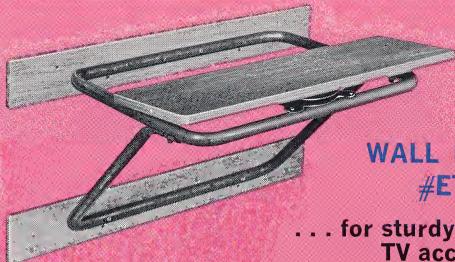
- Dimensions: height 28½"; width 33½"; depth (cradle brackets) 19"; shipping wt. 30 lbs.
- Finish: attractive sandstone finish is baked on, matches TV receivers.
- Construction: horizontal beam of 12 gauge steel (beam 4½" wide). All other parts of TV mount are 13 gauge steel or heavier, electrically welded.
- Stress-designed to support over 200 lbs.
- 7" swivel turntable permanently affixed, rotation of 60°.
- Rocker pins permit downward and upward tilt of 15° each.
- Cradle brackets bolt into base of receiver.



AUXILIARY SPEAKER #SES-8

... for added audio coverage!

- Dimensions: height 10½" (including feet); width 15¾"; depth 5¾"; shipping wt. 8 lbs.
- Taupe finish and carrying handle.
- Construction: wood cabinet with metal screen behind grille cloth to protect speaker.
- 8" speaker for full tonal quality.
- Can be placed away from receiver for most effective audio.
- 20-ft. cord with standard plug to mate with receiver output jacks.



WALL BRACKET #ETWB-19

... for sturdy space-saving TV accommodation!

For use with ITV Models JH-200B, JH-201WP, JH-214B and JH-216B.

- Dimensions: height 17"; overall width 33"; depth 20½"; shipping wt. 20 lbs.
- Finish: RCA tunis beige metalustre finish with plywood supports of natural clear lacquer finish.
- Construction: sturdy tubular steel of 1" O.D.; ¾" plywood support for receiver; ½" plywood wall brackets.
- Receiver bolts to plywood shelf; swivel action provided.
- Bracket permits 7° tilt forward of receiver for better viewing.



WIRED REMOTE CONTROL #RTHF-01 FOR BLACK-AND-WHITE TV

... for finger-tip convenience!

- Easy-to-operate controls turn TV on and off, change channels, adjust volume.
- Gives teacher finger-tip control in the largest classrooms.
- Attractively styled to match JH-201WP receiver.

Commercial Sound Products

Components and Complete Systems

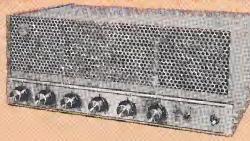
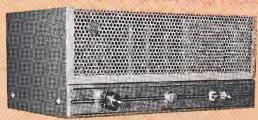


Aid Faculty . . .

Assist Administrators . . . Benefit Students

A varied line of RCA sound components . . . for present or expanded future needs.

- Program distribution
- Sound reinforcement
- Full or limited public address
- Selective paging
- Intercommunication
- Recording



HIGH EFFICIENCY AMPLIFIERS

- Tube and transistor types.
- Full range of power ratings including 10, 25, 40, 65, 70, 90 and 125 watts. Ratings in accordance with E.I.A. standards.
- Provision for low or high impedance microphone input.
- Excellent frequency response.
- High quality, dependable reproduction from microphones, AM/FM tuners, phonographs or tape pick-ups.
- U.L. listed.



MICROPHONES

- Wide frequency ranges.
- Lightweight, rugged construction.
- Bi-directional, non-directional, uni-directional, vari-directional and cardioid patterns.
- Voice and music recording, paging, public address applications.
- Indoor and outdoor models.
- Full line of desk and floor stands, accessories, adaptors and fittings available.



HIGH SENSITIVITY SPEAKERS

- Wide assortment of complementary enclosures and baffles.
- Heavy ferrite-ceramic magnets.
- Smooth frequency response.
- Excellent power handling capacity.
- Outdoor models available.

WIRELESS MICROPHONE SYSTEM



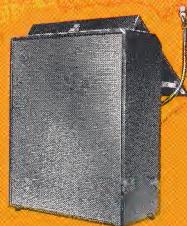
- Lightweight system with transmitting range of 1,000 feet (barring interference).
- Transistorized pocket-sized transmitter is wireless, self-contained and weighs only 8 ounces.
- Hi-fidelity lavalier microphone housed in aluminum casing is small, lightweight and easily concealed.
- High stability double conversion FM receiver weighing 20 lbs. is housed in a steel cabinet that includes a monitor speaker, collapsible whip antenna and carrying handle.
- Transmitter and receiver crystal controlled.
- Electronic quieting circuit reduces noise.

WIDE DISPERSION COLUMNAR SPEAKERS

- Six heavy duty 8" speakers (60 watt unit).
- Low distortion, true fidelity.
- Complete frequency range.
- Uniform output level up to 200 feet (60 watt unit).
- Finishes to match every decor.
- Mounting hardware included.



ELECTRONIC LECTERN



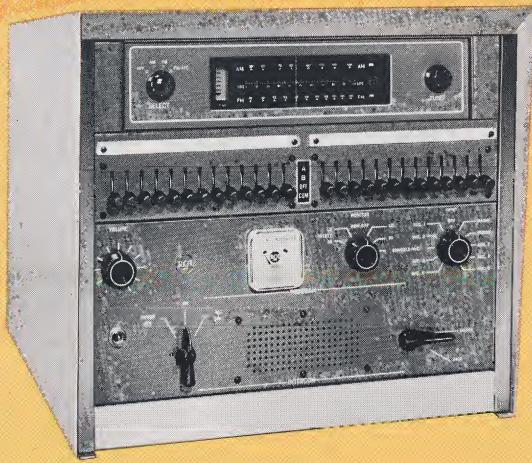
- Built-in public address system.
- For audiences up to 600 persons.
- Readily portable with set-up requiring less than a minute.
- Lightweight, less than 25 lbs.
- Self-contained with 12 watt AC, 10 watt DC transistorized amplifier.
- High quality miniature microphone, easily detached.
- High fidelity 4 speaker column.
- Provisions for plugging in external speakers.



FULL FIDELITY SPEAKERS

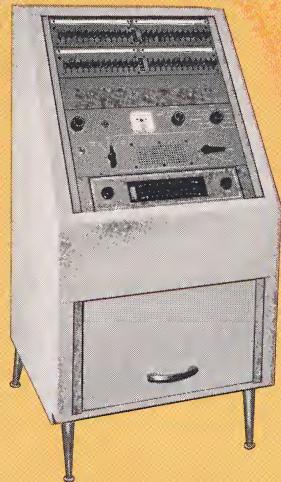
- Weatherproofed for outdoor and indoor use.
- True full range high fidelity sound reproduction.
- Ideal for use with background music or in large areas, such as auditoriums.
- Metallic copper finish.
- Steel swivel bracket included.

Sound System Units... Designed Expressly for Schools



CONSOLETTE SOUND SYSTEM

- Dimensions: height 17 $\frac{3}{8}$ "; width 19 $\frac{1}{8}$ "; depth 16 $\frac{1}{2}$ ".
- Completely transistorized.
- Factory assembled.
- AM/FM tuner.
- 40 watt system amplifier.
- 10 watt intercom amplifier.
- 26-position key bank with annunciator.
- Mounted in desk turret.
- Room or zone call-in origination optional.



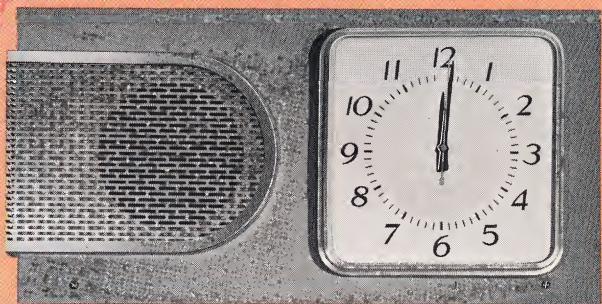
CENTRAL SOUND SYSTEM CONSOLE

- Dimensions: height 44 $\frac{3}{4}$ "; width 22"; depth 21 $\frac{1}{2}$ ".
- Fully transistorized.
- Self contained.
- Completely preassembled in console cabinet.
- 65 watt system amplifier.
- High fidelity AM/FM tuner.
- RCA "Feather Action" automatic record changer.
- Two-way 10 watt intercom channel.
- Two-channel console with two 26-position key banks with annunciators (52 total).



CENTRAL SOUND SYSTEM CONSOLE

- Dimensions: height 45 $\frac{1}{2}$ "; width 52"; depth 29".
- Fully transistorized.
- Completely preassembled into desk pedestal.
- Two 65 watt system amplifiers.
- Two-way 10 watt intercom channel.
- High fidelity AM/FM tuner.
- Three-channel console with two 26-position key banks with annunciators (52 total).
- Automatic record changer.



CLOCK PROGRAM SYSTEMS

- Single, four or six-circuit units
- Combines sound and time control systems in one compact wall unit.
- Permits orderly scheduling of classes without manual signal.

CLASSROOM/CORRIDOR SPEAKER CLOCK UNIT.

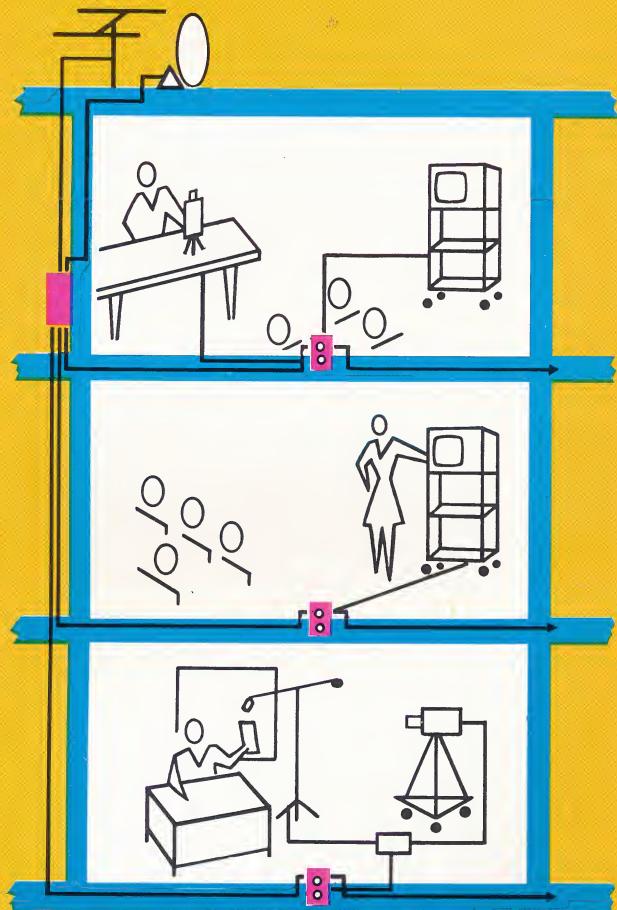
- Dimensions: front panel—height 25 $\frac{3}{4}$ "; width 13"; depth 1".
- Large easy-to-read clock; speaker baffle accommodates 8" speaker.
- Front panel has wrap-around design and two-tone neutral gray finish that blends with every decor.
- Front panel is top hinged for quick, easy access to speaker or clock units without disassembly.
- Welded 18-gauge steel construction is zinc chromate finished to prevent rust; undercoated to prevent resonance.
- Available in recessed or surface mountings.

Master-Tenna® System

2500 Megacycle System

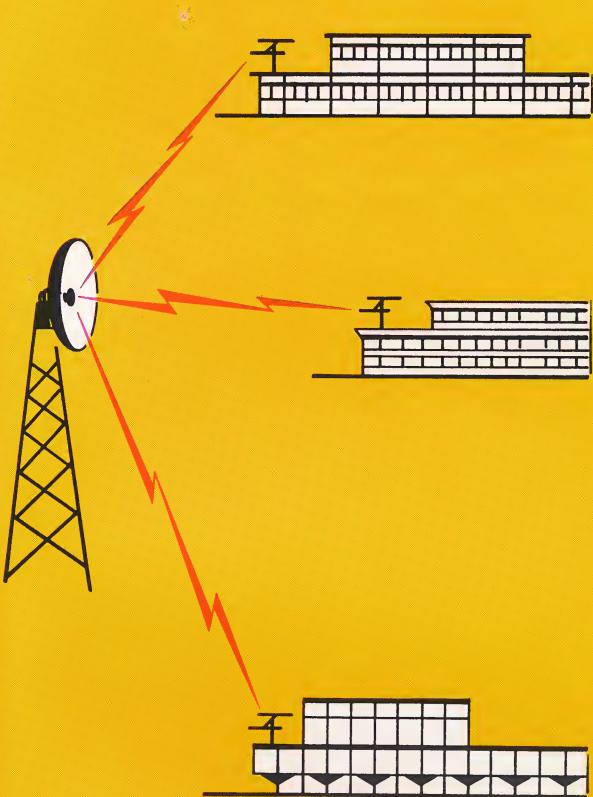


One antenna . . . special amplifying and conversion equipment . . . conveniently located outlets—to bring strong, clear signals and top reception to every classroom.



- Receives and distributes color as well as black-and-white telecasts.
- Distributes closed circuit telecasts including audio portion.
- Completely tailored to answer present and future requirements.
- Offers full service through one coaxial cable.
- Works with standard E.I.A. TV receivers without special adaptations of plug-in facilities.
- Durably constructed to give many years of satisfactory operation.

Meeting the demand for additional TV channel space!



- Overcomes adjacent channel reception problems.
- Expands reception capability from eight to twelve channels per classroom.
- Can be used with two-cable system or adjacent channel system.
- Provides top reception on all channels.

SINGLE SOURCE RESPONSIBILITY FOR

Antennas . . . Pre-amplifiers . . .
Converters . . . Master Amplifier . . . Mixers . . .
Splitters . . . Filters . . . Outlet Devices . . .

SINGLE SOURCE RELIABILITY!

Coaxial Cable . . . Accessories . . .
Installation . . . Instructions . . .
Test Demonstrations